

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,098,068 B2  
APPLICATION NO. : 10/796109  
DATED : August 29, 2006  
INVENTOR(S) : Joseph F. Brooks

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Title Page (56) Other Publications portion of the References Cited section, the PTO made the following errors to be corrected:

“Afifi, M.A.; Labib, H.H.; Fouad, A.A.; Electrical & thermal conductivity of the amorphous semiconductor  $\text{Ge}_x\text{Se}_{1-x}$ , Egypt. J. Phys. 17 (1986) 335-342.”

Should read

--Afifi, M.A.; Labib, H.H.; Fouad, S.S.; El-Shazly, A.A., Electrical & thermal conductivity of the amorphous semiconductor  $\text{Ge}_x\text{Se}_{1-x}$ , Egypt J. Phys. 17 (1986) 335-342.--;

“Fischer-Colbrie, A.; Bienenstock, A.; Fuoss, P.H.; Marcus, M.A., Structure and bonding in photodiffused amorphous  $\text{Ag-GeSe}_2$  thin films, Phys. Rev. B 38 (1988) 12388-12403.”

Should read

--Fischer-Colbrie, A.; Bienenstock, A.; Fuoss, P.H.; Marcus, M.A., Structure and bonding in photodiffused amorphous  $\text{Ag-GeSe}_2$  thin films, Phys. Rev. B 38 (1988) 12388-12403.--;

“Gates, B.; Wu, Y.; Y.; Yang, P.; Xia, Y., Single-crystalline nanowires of  $\text{Ag}_2\text{Se}$  can be synthesized by templating against nanowires of trigonal Se, J. Am. Chem. Soc. (2001) currently ASAP.”

Should read

--Gates, B.; Wu, Y.; Yin, Y.; Yang, P.; Xia, Y., Single-crystalline nanowires of  $\text{Ag}_2\text{Se}$  can be synthesized by templating against nanowires of trigonal Se, J. Am. Chem. Soc. (2001) currently ASAP.--; and

“Mitkiva, M.; Kozicki, M.N., Silver incorporation in Ge-Se glasses used in programmable metallization cell devices, J. Non-Cryst. Solids 299-302 (2002) 1023-1027.”

Should read

--Mitkova, M.; Kozicki, M.N., Silver incorporation in Ge-Se glasses used in programmable metallization cell devices, J. Non-Cryst. Solids 299-302 (2002) 1023-1027.--.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,098,068 B2  
APPLICATION NO. : 10/796109  
DATED : August 29, 2006  
INVENTOR(S) : Joseph F. Brooks

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims, the following omissions are corrected:

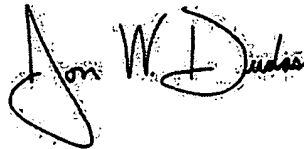
Claim 42, column 10, line 32, "a layer" should read --a first layer--;

Claim 42, column 10, line 34, "the layer" should read --the first layer--; and

Claim 42, column 10, line 49, " $\text{Ge}_x\text{Se}_{100-x}$ ." should read -- $\text{Ge}_x\text{Se}_{100-x}$ --.

Signed and Sealed this

Second Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*